



LLANIDLOES BOROUGH COUNCIL

ANNUAL REPORT OF

THE MEDICAL OFFICER OF HEALTH

AND OF

THE PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1969

MEDICAL OFFICER

Amelia Evans B.Sc., M.B., B.Ch., D.P.H.,  
Council Offices,  
The Park,  
Newtown.

Tel: Newtown 246

PUBLIC HEALTH INSPECTOR

J. L. Williams M.B.E., F.R.S.H., M.A.P.H.I.,  
Town Hall,  
Llanidloes.

Tel: Llanidloes 368

HEALTH COMMITTEE

Chairman	J. E. Jervis
Vice Chairman	Ken Bevan
Members	E. Glyn Jones
	Arwel Jones
	Miss E. A. Morgan
	Mrs. V. H. Rees
	The Mayor - Alderman D. S. Miles



To the Mayor, Aldermen and Councillors, of the Borough of Llanidloes.

Mrs. Rees, Miss Morgan and Gentlemen,

In accordance with circular 5/70 (Wales) I have much pleasure in presenting for your consideration the Annual Report on the health and sanitary conditions in your Borough for 1969.

NATIONAL ASSISTANCE ACT, 1947 SECTION 47.

This section deals with the removal from their homes of people mostly elderly who are living in insanitary conditions and who are unable to look after themselves and are not receiving help from any one else. This action is taken only after much consideration and with the approval of the general practitioner and when the person in question refuses all offers of help.

I have never had to go to court in this borough for such an order although on several occasions I have been pressed to do so, but invariably with the help of home helps, and the health visitor and the district nurse, we have been able to avoid this action.

However towards the end of 1969 the plight of one such person gave me much concern. She is certainly living in unhygienic conditions, but does receive help of a sort and her doctor and myself felt that her personality was such that we could not take such action.

I am sure most elderly people prefer to be independent and communal living is not attractive to many of them.

WATER SUPPLIES.

Water supplies in the Borough are the responsibility of the Montgomeryshire Water Board.

During the year ended March, 1969 15 connections to the mains were made - of these 5 were metered and 10 unmetered.

All the water samples taken by the public health inspector were satisfactory, the water supply was adequate.

SEWERAGE.

Throughout the year there were prolonged negotiations with the Cambrian Mill with frequent sampling and examination of the effluent from the Mill and by the end of the year a trade waste agreement was made with the exception of the limits of toxic materials. This matter was referred to the River Board but was never resolved.

At the time of writing this report, the Mill has changed hands, has ceased production and is unlikely to resume work in the leather trade.

It is now to be hoped that 1970 will see some real progress in a new sewerage disposal works and improvement to the main drainage system in the town.

### REFUSE COLLECTION.

Due to the implementation of the Civic Amenities Act the pattern of refuse collection and disposal has changed.

The collection has been increased from 3 to 4 half days a week and the number of journeys to the tip each half day has increased. Llanidloes is indeed fortunate in not having an urgent disposal problem indeed it is estimated that the tip would last a further 5 - 7 years.

The volume of refuse has increased by 20%. The Council will now collect anything - exceptional articles by special arrangements.

### HOUSING.

The building of 9, 2 bedroomed maisonettes with 9 one bedroomed flats for the elderly was commenced in the Church Hall grounds. Detailed plans for 8 flats for the elderly at Aberynant were completed.

Private - house building - 9 were started and 2 were completed.

There were 6 applications for discretionary grants, including an application to convert one dwelling into two.

One standard grant was made.

Four unfit houses were demolished.

### VITAL STATISTICS.

There were 27 live births giving a rate of 13.7 per 1000 population compared with 11.06 in 1968.

The national rate was 16.3. Of these 13 were boys and 14 girls. There was one illegitimate birth. There were no still births, no home confinements and no premature births. There were no deaths in infants in their first year of life.

There were 44 deaths from all causes at all ages which gives a rate of 11.6 compared with the national average of 11.9. 9 of these deaths occurred in the Minhafren Ward and 27 deaths occurred in people of over 75 years, in fact there were deaths in females aged 94 and 101 and a male of 95.

Malignant disease was responsible for 4 deaths, 2 of these being malignant neoplasm of the lungs. 16 deaths were due to some form of heart disease.

I would like to express my appreciation for the co-operation I have from my colleague the public health inspector and from the other members of the Council's staff.

I am,

Your obedient servant,

AMELIA EVANS.



BIRTH RATE PER. 1,000 POPULATION.

	<u>1969</u>	<u>1968</u>
Llanidloes.	13.7	11.06
Machynlleth U.D.	14.1	8.99
Newtown U.D.	19.6	17.0
Machynlleth R.D.	21.2	12.17
Newtown R.D.	15.8	14.27
Urban areas in County.	17.2	14.54
Rural areas in County.	16.6	13.83
Montgomeryshire.	16.9	14.11
England and Wales.	16.3	16.9

STILL BIRTH RATE PER 1,000 LIVE AND STILL BIRTHS.

	<u>1969</u>	<u>1968</u>
Llanidloes	0	77
Machynlleth U.D.	0	63
Newtown U.D.	0	11
Machynlleth R.D.	24	0
Newtown R.D.	16	0
Urban areas in County.	7	30
Rural areas in County.	19	6
Montgomeryshire.	13	17
England and Wales.	13	14

INFANT DEATHS.

Llanidloes.

There was no infant deaths in the first year of life in Llanidloes.

Machynlleth. U.D.

There was no infant deaths in Machynlleth.

Newtown U.D.

There was one infant death, this was a girl age 5 minutes, death being due to extreme prematurity.

Machynlleth R.D.

There were two infant deaths - these were boy twins, at 2 hours and 13 hours, death being due to extreme prematurity.

Newtown R.D.

There were no infant deaths in this district.

STATISTICAL SURVEY

District	Area in Acres	Population		Rateable Value		Product of ID Rate	
		1969	1968	1969	1968	1969	1968
Llanidloes	617	2320	2350	£55,300	£54,585	£222	£214
Machynlleth U.D.	1,183	1760	1780	£54,443	£54,210	£213	£212
Newtown U.D.	7,224	5590	5470	£178,659	£168,917	£695.16.	£664
Machynlleth R.D.	98,564	2600	2630	£34,913	£33,594	£126	£123
Newtown R.D.	151,231	7890	7920	£108,447	£106,206	£404.11.9	£403

LIVE BIRTHS.

District	1 9 6 9						1 9 6 8					
	Legitimate			Illegitimate			Legitimate			Illegitimate		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Llanidloes	13	13	26	0	1	1	19	6	25	1	0	1
Machynlleth U.D.	10	14	24	1	0	1	10	4	14	1	1	2
Newtown U.D.	42	40	82	3	10	13	42	44	86	4	3	7
Machynlleth R.D.	18	20	38	0	3	3	11	14	25	2	5	7
Newtown R.D.	69	53	122	2	2	4	45	58	103	5	5	10

	<u>Home Confinements</u>		<u>Still Births</u>		<u>Premature Births</u>		<u>Twin Pregnancies</u>	
	1969	1968	1969	1968	1969	1968	1969	1968
Llanidloes	0	0	0	2	0	2	0	1
Machynlleth U.D.	0	0	0	1	0	0	0	0
Newtown U.D.	0	1	0	1	6	2	2	1
Machynlleth R.D.	0	0	1	0	3	0	2	0
Newtown R.D.	1	1	1	0	0	7	4	2

# POPULATION TREND SINCE 1951

Year	ILANIDLOES M.B.			MACHYNILETH U.D.			NEWTOWN U.D.			MACHYNILETH R.D.			NEWTOWN AND ILANIDLOES R.D.		
	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths
1951	2346	30	26	1875	40	27	5386	90	89	3240	47	65	9343	146	109
1952	2289	31	39	1845	33	26	5376	94	84	3103	42	34	9397	149	100
1953	2323	26	34	1871	24	19	5334	102	60	3100	44	49	9257	127	123
1954	2330	29	45	1860	20	29	5360	83	53	3100	22	43	9240	145	116
1955	2320	27	46	1840	28	25	5360	79	56	3080	38	40	9220	121	121
1956	2330	29	36	1830	25	25	5380	89	68	3040	35	39	9100	140	96
1957	2330	34	28	1830	20	25	5370	82	57	3040	35	51	9100	146	94
1958	2340	31	36	1810	31	25	5360	88	58	3010	36	47	9080	147	114
1959	2330	27	40	1840	23	29	5370	85	76	2980	49	40	9080	134	103
1960	2320	30	28	1800	25	27	5390	85	48	2890	30	44	9010	150	95
1961	2350	28	29	1840	29	39	5450	80	60	2800	25	36	8650	122	93
1962	2360	24	39	1840	34	29	5430	73	84	2840	38	36	8510	139	107
1963	2350	29	48	1840	21	30	5460	92	64	2780	40	44	8490	148	104
1964	2350	38	37	1810	28	26	5490	77	71	2740	29	36	8500	129	89
1965	2370	31	58	1790	22	27	5490	90	78	2710	30	38	8530	116	96
1966	2360	32	44	1810	24	16	5500	89	69	2670	31	43	8480	108	91
1967	2370	24	33	1800	23	26	5500	76	57	2670	47	37	8420	114	82
1968	2350	26	45	1780	26	41	5470	93	71	2630	32	42	7920	113	95
1969	2320	27	44	1760	25	34	5590	95	74	2600	41	35	7890	126	97



## INFANT MORTALITY.

(Wais refers to the deaths of infants in the first year of life).

## INFANT MORTALITY RATE.

(Number of infant deaths per 1,000 live births)

	<u>1969</u>	<u>1968</u>
Llanidloes	0	0
Machynlleth U.D.	0	62.5
Newtown U.D.	11	10.6
Machynlleth R.D.	49	0
Newtown R.D.	0	17.7
Urban areas in County.	10	15.0
Rural areas in County.	6	14.8
Montgomeryshire.	8	14.9
England and Wales.	18	18.0

## DEATHS

	1 9 6 9			1 9 6 8		
	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Llanidloes.	24	20	44	17	28	45
Machynlleth U.D.	16	18	34	15	26	41
Newtown U.D.	30	44	74	39	32	71
Machynlleth R.D.	23	12	35	21	21	42
Newtown R.D.	51	46	97	57	38	95

## DEATH RATE PER 1,000 POPULATION.

	<u>1969</u>	<u>1968</u>
Llanidloes	11.6	19.5
Machynlleth U.D.	15.2	23.03
Newtown U.D.	12.1	12.93
Machynlleth R.D.	11.1	15.97
Newtown R.D.	11.3	12.0
Urban areas in County.	12.1	13.56
Rural areas in County.	10.3	12.85
Montgomeryshire.	11.0	13.15
England and Wales.	11.9	11.9



## AGE AT DEATH

AGE	LANIDLOES		MACHYNLETH U.D.		NEWTOWN U.D.		MACHYNLETH R.D.		NEWTOWN AND LANIDLOES R.D.	
	1969 M F T	1968 M F T	1969 M F T	1968 M F T	1969 M F T	1968 M F T	1969 M F T	1968 M F T	1969 M F T	1968 M F T
Under 4 years	0 0 C	0 0 0	0 0 0	1 0 1	0 1 1	0 0 0	2 0 2	0 0 0	0 0 0	1 1 2
4 weeks and under 1 year	0 0 0	0 0 0	0 C 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 0 0	0 0 0
1 - 4 years	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 1 1	0 0 0	0 0 0	0 0 0	0 0 0
5 - 14 years	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0
15 - 24 years	0 0 0	0 1 1	0 0 0	0 0 0	0 1 1	2 1 3	0 0 0	0 0 0	2 1 3	1 1 2
25 - 34 years	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 0 0	0 0 0	0 1 1	0 0 0
35 - 44 years	1 0 1	0 0 0	1 0 1	0 1 1	0 0 0	1 0 1	0 0 0	2 0 2	1 0 2	2 1 3
45 - 54 years	2 1 3	0 1 1	1 1 2	2 2 4	4 4 8	3 2 5	1 0 1	0 2 2	3 5 8	2 2 4
55 - 64 years	4 2 6	1 2 3	3 3 6	4 0 4	7 5 12	5 2 7	2 1 3	1 3 4	9 5 14	9 3 12
65 - 74 years	4 3 7	7 5 12	5 6 12	4 8 12	8 0 15	12 10 22	7 2 9	9 7 16	16 11 27	14 11 25
75 and over	13 14 27	9 19 28	5 8 13	3 15 18	11 25 36	15 16 31	11 9 20	9 9 18	19 23 42	25 19 47
TOTAL	24 20 44	17 28 45	15 18 34	15 26 41	30 44 74	39 32 71	23 12 35	21 21 42	51 46 97	57 38 95

Cause	Llanidloes			Machynlleth			Newtown			Machynlleth			Newtown		
	U.D.			U.D.			U.D.			R.D.			R.D.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Other infective and parasitic diseases.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Malignant neoplasm buccal cavity.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Malignant Neoplasm oesophagus.	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
Malignant neoplasm stomach	1	0	1	2	0	2	0	1	1	1	0	1	1	1	2
Malignant neoplasm intestine.	0	0	0	0	1	1	2	1	3	0	0	0	1	2	3
Malignant neoplasm lung bronchus	2	0	2	1	0	1	5	3	8	2	0	2	2	0	2
Malignant neoplasm breast	0	0	0	0	1	1	0	1	1	0	0	0	0	5	5
Malignant neoplasm uterus	-	0	0	-	0	0	-	2	2	-	0	0	-	1	1
Malignant neoplasm prostate	1	-	1	0	-	0	0	-	0	1	-	1	2	-	2
Other malignant neoplasm	0	0	0	1	3	4	1	4	5	0	0	0	2	3	5
Diabetes mellitus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mental disorders	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Other diseases of nervous system	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Hypertensive disease.	1	0	1	0	1	1	2	2	4	0	0	0	1	3	4
Anaemias	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Chronic rheumatic heart disease	0	1	1	0	1	1	0	0	0	3	0	3	0	0	0
Ischaemic heart disease	7	5	12	4	3	7	10	10	20	8	2	10	10	6	16
Other forms of heart disease	1	1	2	1	2	3	1	1	2	1	2	3	4	3	7
Cerebro-Vascular disease	1	4	5	4	3	7	2	12	14	4	7	11	11	8	19
Other diseases of circulatory system	3	3	6	1	1	2	2	1	3	0	0	0	2	1	3
Pneumonia	2	1	3	0	1	1	0	1	1	1	1	2	1	2	3
Bronchitis and emphysema	3	2	5	0	0	0	1	0	1	0	0	0	1	0	1
Asthma	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Other diseases of respiratory system	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1
Appendicitis	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0
Intestinal obstruction and hernia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Other diseases of digestive system	0	0	0	0	0	0	1	1	2	0	0	0	3	0	3
Nephritis and neophrosis	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Other diseases, genito-urinary system	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Diseases of musculo-skeletal system	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Diseases of skin	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Symptoms ill defined conditions	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Motor vehicle accidents	0	0	0	1	0	1	0	0	0	0	0	0	0	2	2
All other accidents	1	0	1	0	0	0	0	2	2	0	0	0	2	0	2
Suicide	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1
Perinatal mortality	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0
TOTAL	24	20	44	16	18	34	30	44	74	23	12	35	51	46	97

### INFECTIOUS DISEASES.

The following diseases are notifiable by medical practitioners to the medical officer of health:-

Acute encephalitis	Paratyphoid fever
Acute meningitis	Plague
Acute poliomyelitis	Relapsing fever
Anthrax	Scarlet fever
Cholera	Smallpox
Diphtheria	Tetanus
Dysentery (amoebic or bacillary)	Tuberculosis
Infective Jaundice	Typhoid fever
Leprosy	Typhus
Leptospirosis	Whooping cough
Malaria	Yellow fever
Measles	Food Poisoning.
Ophthalmia neonatorum	

#### LLANIDLOES BOROUGH.

Dysentery.	5 males, 4 females.
Infective jaundice.	3 females.
Tuberculosis.	1 male.

#### MACHYNLLETH U.D.

Not one infectious disease was notified throughout the year.

#### NEWTOWN U.D.

Infective jaundice.	5 males, 14 females.
---------------------	----------------------

#### MACHYNLLETH R.D.

Scarlet fever.	1 female.
Infective jaundice.	1 female.
Tuberculosis.	1 female.

#### NEWTOWN R.D.

Measles.	1 male, 2 females.
Dysentery.	1 male, 2 females.
Infective jaundice.	2 males, 2 females.
Tuberculosis.	3 females.

### TUBERCULOSIS.

#### LLANIDLOES BOROUGH.

One case of pulmonary tuberculosis in a man of 22 years was notified.



LLANIDLOES BOROUGH CONT.

Two names were removed from the register - both due to recovery:-

1. Female who was 48 in 1963 - notified pulmonary tuberculosis.
2. Male who was 73 in 1955 - notified pulmonary tuberculosis.

There were 9 names on the register at the end of the year.

MACHYNLLETH U.D.

No case of tuberculosis was notified in 1969. One name was removed from the register due to recovery - a male who was 51 in 1961 - notified pulmonary tuberculosis.

There were 12 names on the register at the end of the year.

NEWTOWN U.D.

No case of tuberculosis was notified in 1969. Two names were removed from the register, both due to recovery.

1. Female who was 61 in 1958 - notified pulmonary tuberculosis.
2. Female who was 34 in 1962 - notified pulmonary tuberculosis.

There were 17 names on the register at the end of the year.

MACHYNLLETH R.D.

A case of pulmonary tuberculosis in a woman of 49 was notified. One name was removed from the register due to recovery.

A man who was 18 in 1965 when notified with pulmonary tuberculosis.

There were 18 names on the register at the end of the year.

NEWTOWN R.D.

3 new cases of tuberculosis were notified in this district in 1969.

- |                  |   |                             |
|------------------|---|-----------------------------|
| 1 girl age 6.    | - | pulmonary tuberculosis.     |
| 1 female age 33. | - | pulmonary tuberculosis.     |
| 1 female age 82. | - | tuberculosis of the breast. |

2 names were removed from the register:-

1. The female of 33 notified earlier in 1969 as a case of pulmonary tuberculosis - the diagnosis was changed.
2. A female who was 31 in 1959 when notified with pulmonary tuberculosis - due to recovery.

There were 23 names on the register at the end of the year.



## WATER SUPPLIES IN 1969.

The following information has been supplied by the Montgomeryshire Water Board which is responsible for water supplies throughout all the districts.

The supplies of the districts concerned have generally been satisfactory both in quality and quantity.

In the event of an unsatisfactory bacteriological sample result being obtained a check is made to ensure that an adequate chlorine residual is being maintained and a further sample is taken as soon as possible. All new mains are super chlorinated, flushed and a satisfactory sample obtained before being brought into service.

Fluoride contents of supplies is less than 0.001 p.p.m.  
PH correction is carried out where necessary and there should be no plumbo solvent action.

## CONNECTIONS TO MAINS.

<u>Area.</u>	<u>Supplied direct.</u>	<u>Standpipes.</u>
Llanidloes Borough.	1,203 (1,194)	3 (3)
Machynlleth Urban District.	793 (785)	-
Newtown Urban District.	2,272 (2,203)	142 (151)
Machynlleth Rural District.		
Caereinion Fechan.	6 (4)	
Cemmaes.	123 (106)	11 (11)
Darowen.	56 (48)	18 (18)
Isygarreg.	48 (45)	
Llanbrynmair.	153 (134)	
Llanwrin.	88 (85)	
Penegoes.	63 (52)	
Uwchygarreg.	20 (20)	
Newtown Rural District.		
Aberhafesp.	-	-
Bettws.	47 (44)	
Carno.	112 (106)	5 (5)
Kerry.	218 (208)	4 (4)
Llandinam.	149 (149)	4 (4)
Llangurig.	74 (73)	14 (14)
Llanidloes (without).	44 (30)	
Llanllugan.	-	-
Llanwnnog.	311 (296)	1 (1)
Llanwyddelan.	30 (29)	1 (1)
Manafon.	31 (33)	
Mochdre.	44 (43)	
Penstrowed.	4 -	
Trefeglwys.	28 -	
Tregynon.	52 (52)	

(Figures in brackets apply to 1968).

During the year the Mass Radiography Service of the Welsh Hospital Board visited Newtown and Machynlleth.

ANALYSIS IN AGE GROUPS.

Newtown General Population. July, 1969.

	Total	Under 15		15-24	25-34	35-44	45-59	60 and over	Totals	
		M.	F.	M.	F.	M.	F.	M.	F.	
Number Examined.	358	1	-	36	60	27	35	30	29	39 54
Abnormal.	8				1		1	3	-	3
Requiring further observation.										
Other abnormalities of chest.	8				-	1	1	3	-	3

Machynlleth General Population. July, 1969.

	Total	Under 15		15-24	25-34	35-44	45-59	60 and over	Totals	
		M.	F.	M.	F.	M.	F.	M.	F.	
Total examined.	395			25	46	41	39	44	38	52 46
Found to be abnormal	17					2	4	2	3	3 3
Requiring further investigation	3					1	1	1	-	2 1
Other abnormalities of chest	14					1	3	2	3	2 3

Analysis of abnormalities not requiring further observation.

	Newtown.			Machynlleth.		
	M.	F.	T.	M.	F.	T.
Healed post-primary Tb.	1	1	2	1	1	2
Abnormality of bony thorax.	-	4	4	1	3	4
Acquired cardiac abnormalities.	-	2	2	-	2	2
Pulmonary fibrosis (non - Tb.)				2	-	2
Placural thickening.				-	1	1
Abnormalities of diaphragm.				1	2	3

## GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT

### Ambulance

During 1969 the local ambulance service was still operated by the St. John Ambulance, responsible to the Ambulance Committee of the County Council Health Committee.

From 1st April, 1970 the County Council will be responsible for the Ambulance service.

2 ambulances will be based at Machynlleth.

1 ambulance at Llanidloes.

2 ambulances at Newtown - in the southern part of the county.

The ambulance officer is Mr. Davies. For non-emergency cases Tel: Newtown 6201. For emergency cases Tel: Newtown 6111.

### Children's Officer

The Children's Officer is:-

Mr. W. E. Jones,  
County Offices,  
Welshpool.

Tel: Welshpool 3311

### Domiciliary Midwifery and Home Nursing.

The districts are served by the following nurses:-

Miss C. Lloyd Jones,  
Brynoglwys, Newtown.  
Tel. Newtown 497

Newtown, Mochdre, Dolfor,  
Kerry, Sarn, Abermule.

Mrs. D. Haynes,  
New Estate,  
Llanidloes Road,  
Newtown.  
Tel. Newtown

Tregynon, Bettws, New Mills,  
Adfa, Manafon, Bwlchyffridd.

Mrs. J. A. Griffiths,  
Tynygoed,  
Llandinam.  
Tel. Maersws 344

Llandinam, Oakley Park,  
Llidiartywaen.

Mrs. O. Hamer,  
19 Garden Suberbs,  
Llanidloes.  
Tel. Llanidloes 423

Llanidloes, Llangurig,  
Cwmbelan, Old Hall.

Mrs. S. Jones,  
Clergyrnant,  
Llanbrynmair.  
Tel. Llanbrynmair 280

Carno, Clatter, Pontdolgoch,  
Bont, Staylittle, Talerddig,  
Llanbrynmair.

Mrs. E. Humphries,  
4 Londonderry Terrace,  
Machynlleth.  
Tel. Machynlleth 2264

Machynlleth, Derwenlas, Cemmaes,  
Cemmaes Rd., Cwmlline, Aberhosan,  
Abercegir, Commins Coch, part of  
Aberangell.



WATER SAMPLES.

Source	Chemical	Bacteriological				TOTAL
		Satisfactory Raw	Treated	Unsatisfactory Raw	Treated	
Adfa	1	-	4	-	1	6
Manafon	1	-	5	-	-	6
Tregynon	1	-	5	-	-	6
Kerry	2	-	6	-	-	8
Sarn	2	-	6	-	-	8
Carno	-	-	6	-	-	6
Llanwnnog	-	-	3	-	-	3
Caersws	3	-	10	-	1	14
Draintewion	-	-	5	-	-	5
Cwmffrwd	1	-	5	-	2	8
Dolfor	-	-	5	-	-	5
Newtown	10	-	20	-	3	33
Llanidloes	6	-	14	-	7	27
Gwmbelan	-	-	1	-	-	1
Llangurig	-	-	2	-	-	2
Cemaes	-	-	5	-	-	5
Llanbrynmair	1	-	19	-	3	23
Machynlleth	2	-	14	-	-	16
Abercegir	-	-	5	-	2	7
Aberangell	-	-	1	-	3	4
	30	-	141	-	22	193



Mrs. B. Davies,  
Hopyard Cottage,  
Penstroward.  
Tel. Newtown 6003

Caersws, Llanwnnog, Aberhafesp,  
Mochdre, Trefeglwys.

Mrs. P. Edwards,  
Llawrcoed Uchaf,  
Llanbrynmair.  
Tel Llanbrynmair 325

Relief nurse for Machynlleth  
and Llanbrynmair areas.

Mrs. M. S. Richards,  
Penralt,  
Trefeglwys.  
Tel. Trefeglwys 667

Relief nurse for Llanidloes.

#### Health Visitors.

Miss N. G. Baker resigned 31.3.69  
succeeded by  
Miss Gravelle from 6.10.69.

Machynlleth Urban and Rural areas,  
Carno.

Miss Lewis.

Llanidloes, Llangurig, Staylittle,  
Llandinam, Llawryglyn, Trefeglwys.

Miss N. L. Jones.

Newtown, Dolfor, Mochdre.

Mrs. E. F. Humphreys.

Sarn, Kerry, Abermule, Tregynon,  
Clatter, Aberhafesp, Caersws.

Mrs. Ryder.

Cefn Coch, New Mills and a large  
part of Forden and Llanfyllin rural  
districts.

#### Home Help Service.

The home help organiser is:-

Miss Enid Davies,  
County Health Offices,  
Newtown. Tel. Newtown 6734.

#### Laboratory Service.

Frequent use is made of both Public Health Laboratories at  
Aberystwyth and at Shrewsbury.

#### Maternity and Child Welfare.

The County Council is responsible for this service and infant welfare  
clinics are held throughout the district.

Newtown Park St. Clinic

every Wednesday afternoon.

Llanidloes Clinic

second and last Wednesday afternoon  
each month.

Caersws. School Room  
Presbyterian Chapel

last Friday afternoon each month.

Machynlleth Doll St. Clinic

2nd and 4th Tuesday afternoon  
each month.

Llanbrynmair Village hall

2nd Thursday afternoon each month.

### Tuberculosis.

This service is controlled by the regional hospital board and the chest physician Dr. G. O. Thomas holds clinics throughout the area.

Newtown County Infirmary

second and fourth Tuesdays 11a.m.

Llanidloes Hospital

Saturday before last Tuesday 10.30a.m.

Machynlleth Chest hospital

every Wednesday 10a.m.

### Immunisation Proceedure.

In the first year of life protection against diphtheria, whooping cough and tetanus and poliomyelitis is offered.

In the second year of life, smallpox and measles vaccination is offered and at 13 years tuberculosis vaccination.

PREScribed PARTICULARS ON THE ADMINISTRATION OF  
THE FACTORIES ACT, 1937

PART I OF THE ACT

1. INSPECTIONS for purposes of provision as to health  
(including inspections made by the Public Health  
Inspector).

PREMISES (1)	NUMBER ON REGISTER (2)	INSPECTIONS (3)	WRITTEN NOTICES (4)	OCCUPIERS PROSECUTED (5)
i. Factories in which Sections 1,2,3,4, & 6 are to be enforced by Local Authorities	5	19	NIL	NIL
ii. Factories not included in (i) in which Section 7 is enforced by the Local Authority	19	58	NIL	NIL
iii. Other premises in which Section 7 is enforced by the Local Authority	NIL	NIL	NIL	NIL
TOTAL	24	77	NIL	NIL





PREScribed PARTICULARS ON THE ADMINISTRATION OF  
THE FACTORIES ACT, 1937, cont'd.

PART I OF THE ACT

2. CASES in which defects were found.

PARTICULARS	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Want of Cleanliness (S.1)	NIL	NIL	NIL	NIL	NIL
Overcrowding (S.2)	NIL	NIL	NIL	NIL	NIL
Unreasonable Temperature (S.3)	NIL	NIL	NIL	NIL	NIL
Inadequate Ventilation (S.4)	NIL	NIL	NIL	NIL	NIL
Ineffective drainage of floors (S.6)	NIL	NIL	NIL	NIL	NIL
Sanitary Conveniences (S.7)					
(a) Insufficient	NIL	NIL	NIL	NIL	NIL
(b) Unsuitable or defective	NIL	NIL	NIL	NIL	NIL
(c) Not separate sexes	NIL	NIL	NIL	NIL	NIL
Other offences against the Act (not including offences relating to Out-work)	NIL	NIL	NIL	NIL	NIL
TOTAL	NIL	NIL	NIL	NIL	NIL

# THE UNIVERSITY OF CHICAGO DEPARTMENT OF CHEMISTRY RECORD OF RESEARCH 1950-1951

Name of Investigator		Title of Project		Funding Agency	
1. Name of Investigator		2. Title of Project		3. Funding Agency	
4. Name of Investigator		5. Title of Project		6. Funding Agency	
7. Name of Investigator		8. Title of Project		9. Funding Agency	
10. Name of Investigator		11. Title of Project		12. Funding Agency	
13. Name of Investigator		14. Title of Project		15. Funding Agency	
16. Name of Investigator		17. Title of Project		18. Funding Agency	
19. Name of Investigator		20. Title of Project		21. Funding Agency	
22. Name of Investigator		23. Title of Project		24. Funding Agency	
25. Name of Investigator		26. Title of Project		27. Funding Agency	
28. Name of Investigator		29. Title of Project		30. Funding Agency	
31. Name of Investigator		32. Title of Project		33. Funding Agency	
34. Name of Investigator		35. Title of Project		36. Funding Agency	
37. Name of Investigator		38. Title of Project		39. Funding Agency	
40. Name of Investigator		41. Title of Project		42. Funding Agency	
43. Name of Investigator		44. Title of Project		45. Funding Agency	
46. Name of Investigator		47. Title of Project		48. Funding Agency	
49. Name of Investigator		50. Title of Project		51. Funding Agency	
52. Name of Investigator		53. Title of Project		54. Funding Agency	
55. Name of Investigator		56. Title of Project		57. Funding Agency	
58. Name of Investigator		59. Title of Project		60. Funding Agency	
61. Name of Investigator		62. Title of Project		63. Funding Agency	
64. Name of Investigator		65. Title of Project		66. Funding Agency	
67. Name of Investigator		68. Title of Project		69. Funding Agency	
70. Name of Investigator		71. Title of Project		72. Funding Agency	
73. Name of Investigator		74. Title of Project		75. Funding Agency	
76. Name of Investigator		77. Title of Project		78. Funding Agency	
79. Name of Investigator		80. Title of Project		81. Funding Agency	
82. Name of Investigator		83. Title of Project		84. Funding Agency	
85. Name of Investigator		86. Title of Project		87. Funding Agency	
88. Name of Investigator		89. Title of Project		90. Funding Agency	
91. Name of Investigator		92. Title of Project		93. Funding Agency	
94. Name of Investigator		95. Title of Project		96. Funding Agency	
97. Name of Investigator		98. Title of Project		99. Funding Agency	
100. Name of Investigator		101. Title of Project		102. Funding Agency	

PREScribed PARTICULARS ON THE ADMINISTRATION OF  
THE FACTORIES ACT, 1937, cont'd.

PART VIII OF THE ACT

OUTWORK

(Sections 110 & 111)

Number of Outworkers in August List required by Section 110 (i) (c)	NIL
Number of cases of default in sending Lists to the Council	NIL
Number of prosecutions for failure to supply Lists	NIL
Number of instances of work in unwholesome premises - Section III	NIL
Notices served	NIL
Prosecutions	NIL

---

SANITARY INSPECTION OF THE AREA FOR NUISANCES

Inspections made.....	101
Nuisances found.....	4
Dirty houses.....	1
Drains choked.....	15
Defective drains.....	9
W.Cs. defective.....	8
Accumulation of refuse.....	1
Overcrowding.....	NIL
Informal notices served.....	4
Informal notices complied with.....	4
Statutory notices served.....	NIL

---

FACTORIES, WORKSHOPS AND WORKPLACES

Number of factories registered .....	15
Number of workshops registered .....	7
Number of workplaces registered .....	NIL
Number of factory bakehouses .....	1
Number of other bakehouses .....	1
Number of inspections made .....	68
Number of defects and nuisances found .....	2
Number of defects and nuisances remedied .....	2

---

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

1950

RESEARCH REPORT

ON THE KINETICS OF THE REACTION OF

HYDROGEN PEROXIDE WITH

HYDROGEN SULFIDE IN AQUEOUS SOLUTION

BY

DR. J. H. KINZIE

AND

DR. R. W. KILPATRICK

CHICAGO, ILLINOIS

1950

RECEIVED

1950

1950

1950

1950

1950

1950

1950

1950

1950



FOOD HYGIENE (GENERAL) REGULATIONS, 1960

1. The number of food premises subject to these regulations total 41, made up as follows:-

Cafes and Restaurants .....	5
Fish & Chip Shops .....	2
Hotels & Public Houses .....	11
Butcher's Shops .....	2
Green Grocers .....	2
Grocer's Shops .....	11
Supermarket .....	1
Sweet Shops .....	4
Licensed Clubs .....	1

The number of premises fitted to  
comply with Regulation 16 ..... 30

The number of premises to which Regulation  
19 applies ..... 12

The number of premises fitted to comply  
with Regulation 19 ..... 9

# THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME.

BY JAMES M. SMITH, ESQ. OF NEW-YORK.

IN TWO VOLUMES.

VOLUME I.

NEW-YORK: PUBLISHED BY J. M. SMITH, 1800.

AND SOLD BY ALL THE BOOKSELLERS IN THE UNITED STATES.

THE HISTORY OF THE UNITED STATES, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME.

BY JAMES M. SMITH, ESQ. OF NEW-YORK.

IN TWO VOLUMES.

VOLUME I.

NEW-YORK: PUBLISHED BY J. M. SMITH, 1800.

AND SOLD BY ALL THE BOOKSELLERS IN THE UNITED STATES.

SLAUGHTERHOUSE

1. Carcasses Inspected	Cattle	Sheep & Lambs	Pigs	Calves	Total
Number slaughtered and inspected	226	1646	423	1	2,296

Condemnations

All diseases other than tuberculosis

1. <u>Whole Carcasses</u>	1	4	1	Nil	6
2. Carcasses of which some part or organ was condemned	53	59	4	Nil	116
3. <u>Percentage affected</u>	23.0%	3.58%	1.18%	Nil	5.05%

Tuberculosis only

1. <u>Whole Carcasses</u>	Nil	Nil	Nil	Nil	Nil
2. Carcasses of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil
3. <u>Percentage affected</u>	Nil	Nil	Nil	Nil	Nil

<u>Unsound food surrendered or condemned</u>	<u>Tons</u>	<u>Cwts.</u>	<u>Lbs.</u>
1. Meat at slaughterhouse	-	8	31
2. Meat at wholesale premises	-	-	-
3. Meat at retail shops	-	-	36
4. Cooked meat and meat products	-	-	22
5. Canned meats	-	-	21
6. Fish	-	-	-
7. Fruit and vegetables	-	-	-
8. Other Foods (all various canned and bottled goods)		5	28
TOTAL		14	26





PART 2 - OFFICES, SHOPS & RAILWAY PREMISES ACT, 1969

(A) REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
Offices	1	13	11
Retail Shops	NIL	18	18
Wholesale Shops, Warehouses	NIL	6	6
Catering establishments open to the public, canteens	1	7	6
Fuel Storage Depots	NIL	NIL	NIL
TOTAL	2	44	41

Total number of visits of all kinds to Registered  
Premises under the Act .....103

(B) ANALYSIS OF CONTRAVENTIONS

Section	No. of Contraventions found	Section	No. of Contraventions found
4	Cleanliness Nil	16	Floors, Passage & Stairs Nil
5	Overcrowding Nil	17	Fencing exposed parts machinery Nil
6	Temperature Nil	18	Protection of young persons from dangerous machinery Nil
7	Ventilation Nil	19	Training of young persons working at dangerous machinery Nil
8	Lighting Nil	23	Prohibition of heavy work Nil
9	Sanitary Conveniences Nil	24	First Aid General Provisions Nil
10	Washing Facilities Nil		
11	Supply of Drinking Water Nil		
12	Clothing Accommodation Nil		
13	Sitting Facilities Nil		
14	Seats (Sedentary Workers) Nil		
15	Eating Facilities Nil		
		TOTAL	Nil

# THE UNIVERSITY OF CHICAGO DEPARTMENT OF CHEMISTRY RECORD OF RESEARCH

NAME OF RESEARCHER		TITLE OF RESEARCH	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

## RESEARCHER'S SIGNATURE

NAME OF RESEARCHER		TITLE OF RESEARCH	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

# PART 4 - HOUSING

## (A) REPAIR - HOUSING AND PUBLIC HEALTH ACTS

Number of houses rendered fit after service of notices

	Section 9,10 & 16 Public Health and Housing Act, 1957 Similar Local Acts				Totals	
	<u>Informal</u>	<u>Formal</u>	<u>Informal</u>	<u>Formal</u>	<u>Informal</u>	<u>Formal</u>
(a) by Owner	NIL	NIL	2	NIL	2	NIL
(b) by Local Authority	NIL	NIL	NIL	NIL	NIL	NIL
<b>TOTALS</b>	NIL	NIL	2	NIL	2	NIL

## (B) BEYOND REPAIR - HOUSING ACT, 1957

1. Undertakings accepted (Section 16)	NIL
2. Closing Orders made ( " 17)	1
3. Demolition Orders made ( " 17)	NIL
4. Closing Orders made ( " 18)	NIL
5. Closing Orders determined ( " 27)	NIL
6. Closing Orders revoked and Demolition Orders substituted ( " 28)	4
7. Houses demolished following Demolition Orders	4

## (C) CLEARANCE AREAS

### (1) Represented during year

i. Number of areas	NIL
ii. Houses unfit for human habitation	NIL
iii. Houses included by reason of bad arrangement, etc.	NIL
iv. Houses on land acquired under 43 (2)	NIL
v. Numbers of people to be displaced:-	
(a) Individuals	NIL
(b) Families	NIL

### (2) Action taken during the year

i. Houses demolished by Local Authorities  
or Owners:-

(a) Unfit	4
(b) Others	NIL

ii. Numbers of people displaced:-

(a) Individuals	5
(b) Families	1





PART 4 - HOUSING

(D) IMPROVEMENT GRANTS

(1) Standard

	Owner/Occupiers	Tenanted
1. Number of Applications received	NIL	NIL
Number of Applications approved	NIL	NIL
Number of Applications refused	NIL	NIL
2. Number of dwellings improved	3	1
3. Amount paid in grants	£531	
4. Average grant per house	£133	
5. Amenities provided	(a) Fixed bath	3
	(b) Shower	NIL
	(c) Wash-hand Basin	2
	(d) Hot Water Supply (to any fittings)	2
	(e) Water Closet	
	i. within dwelling	4
	ii. accessible from dwelling	NIL
	(f) Food storage	2

(2) Discretionary

	Owner/Occupiers	Tenanted
1. Number of Application received	5	NIL
2. Number of Applications approved	5	NIL
3. Number of Applications refused	NIL	NIL
4. Number of dwellings improved	5	NIL
5. Amount paid in grants	£1,256	
6. Average grant per house	£251	





